

Title (en)
Absorption or diffusion-absorption plant

Title (de)
Absorptions- oder Diffusionsabsorptionsanlage

Title (fr)
Installation d'absorption ou d'absorption diffusion

Publication
EP 1777474 A3 20080618 (DE)

Application
EP 06021558 A 20061013

Priority
DE 102005050211 A 20051020

Abstract (en)
[origin: EP1777474A2] The absorption heat pump used in such as a refrigerator has a cooling circuit [1] which has a heater [2], a condenser [3] for ammonia vapour, an evaporator [4], a gas to gas heat exchanger [5], an absorber [6], a rectifier [7] and a water loop [8]. An additional condenser [9] serves as a heat transfer unit to a heating circuit.

IPC 8 full level
F25B 30/04 (2006.01); **F25B 15/04** (2006.01); **F25B 15/10** (2006.01)

CPC (source: EP)
F25B 15/04 (2013.01); **F25B 15/10** (2013.01); **F25B 30/04** (2013.01); **Y02A 30/27** (2017.12); **Y02B 30/62** (2013.01)

Citation (search report)

- [XA] DE 2801529 A1 19790719 - GUSTAV SCHAEFER FA
- [X] DE 2603357 B1 19770602 - BACHL HERBERT PROF DR-ING
- [X] DE 667360 C 19381110 - SIEMENS AG
- [X] US 3292385 A 19661220 - MURRAY JOSEPH G
- [X] DE 19637821 A1 19980319 - DEUTSCHE FORSCH LUFT RAUMFAHRT [DE], et al

Cited by
WO2010139444A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1777474 A2 20070425; **EP 1777474 A3 20080618**; DE 102005050211 A1 20070503; DE 102005050211 B4 20071018

DOCDB simple family (application)
EP 06021558 A 20061013; DE 102005050211 A 20051020